|     | Index of Claims                       |          |                 |                    |                |                     |           |              |                   |           |             |                 |          | Application/Control No. |                                 |                    |              |           |          |                |          |          | Applicant(s)/Patent under Reexamination |                 |                    |                        |                 |        |           |              |    |
|-----|---------------------------------------|----------|-----------------|--------------------|----------------|---------------------|-----------|--------------|-------------------|-----------|-------------|-----------------|----------|-------------------------|---------------------------------|--------------------|--------------|-----------|----------|----------------|----------|----------|---|-----------------|--------------------|------------------------|-----------------|--------|-----------|--------------|----|
|     |                                       |          |                 |                    |                |                     |           |              |                   |           |             |                 |          |                         | 09/995,031                      |                    |              |           |          |                |          |          |   | AMOS ET AL.     |                    |                        |                 |        |           |              |    |
|     |                                       |          |                 |                    |                |                     |           |              |                   |           |             |                 |          |                         | Examiner                        |                    |              |           |          |                |          |          |   | Art Unit        |                    |                        |                 |        |           |              |    |
|     |                                       |          |                 |                    |                |                     |           |              |                   |           |             |                 |          |                         | Matthew Landau                  |                    |              |           |          |                |          |          |   | 28              | 15                 |                        |                 |        |           |              |    |
|     |                                       |          |                 |                    |                |                     |           |              |                   |           |             |                 |          |                         | memica Failan                   |                    |              |           |          |                |          |          |   |                 | 15                 |                        |                 |        |           |              |    |
|     | √ Rejected – (Through numer Cancelled |          |                 |                    |                |                     |           |              |                   |           |             |                 | eral     | 1)                      |                                 | N                  | Non-Elected  |           |          | ]              | A        | Appeal   |   |                 |                    | 7                      |                 |        |           |              |    |
|     |                                       |          | H               |                    |                |                     | $\vdash$  | $\vdash$     |                   |           |             |                 |          |                         | ┨                               | H                  |              |           |          |                |          | H        |   |                 |                    | $\dashv$               |                 |        |           |              |    |
|     |                                       |          | =               | Allowed            |                |                     | +         | L            | Restricted        |           |             | <br><del></del> |          |                         | 1                               | Interference       |              |           |          | 0              | Objected |          |   |                 |                    |                        |                 |        |           |              |    |
|     | CI                                    | aim      |                 | Date               |                |                     |           | _            | _                 |           | Claim       |                 |          | _                       | Da                              |                    | 3            | CI        |          |                | laim     | -        | Date                                    |                 |                    |                        | -               |        |           |              |    |
|     | -                                     | ਫ਼ੁ      | \$              | $\Box$             |                | T                   | T         |              |                   |           |             |                 |          | $\prod$                 | T                               |                    | П            |           | П        |                | 7        |          |   | П               | T                  | $\prod$                | П               |        | T         | П            |    |
|     | Final                                 | Original | 1926            | N                  |                |                     |           |              |                   |           |             | Final           | Original |                         |                                 |                    |              |           |          |                |          | Final    | Original                                |                 |                    |                        |                 |        |           |              |    |
|     | $\vdash$                              | 71)      | 1               |                    | +              | +                   | +         | ╁            | ┦                 | Н         |             | $\vdash$        | 51       |                         | 十                               | ╀                  | Н            | $\dashv$  | +        | -              | -        | _        | 101                                     | Н               | +                  | ╀┦                     | $\vdash \vdash$ | +      | +         | Н            |    |
|     |                                       | 2        | V               | $\Box$             | 二              | 士                   | 土         | $\Box$       |                   |           |             |                 | 52       |                         | 士                               | 士                  | 口            | 士         | 士        | 士              | 1        |          | 102                                     |                 | 士                  | +                      | 廿               | 士      | +         | H            | 1  |
|     |                                       | 2        |                 |                    | 4              | 4                   | 丰         | Į.           | $\square$         | $\Box$    |             |                 | 53       |                         | $\top$                          | $oldsymbol{\perp}$ | $\Box$       | $\Box$    | コ        | $\blacksquare$ | 7        |          | 103                                     |                 | 工                  | $\Box$                 | $\Box$          | 丰      | 工         |              | 1  |
|     |                                       | 5        | Y               | $\dashv$           | +              | 十                   | +-        | ╀            | ╁╌┦               | $\vdash$  |             | <del></del>     | 54<br>55 |                         | +                               | ╁┦                 | $\vdash$     | $\dashv$  | +        | +              | -        |          | 104                                     | $\vdash \vdash$ | +                  | +                      | $\vdash \vdash$ | +      | +         | Н            | (  |
|     |                                       | 8        |                 | 士                  | 士              | 士                   | 士         | 世            |                   |           |             |                 | 56       |                         | 士                               | +-                 |              | +         | +        | +              | -        |          | 106                                     | $\forall$       | +                  | +                      | $\vdash \vdash$ | +      | +         | Н            | 1  |
|     |                                       | 7        | 4               |                    | 工              | 工                   | 工         |              | $\Box$            | $\Box$    |             |                 | 57       |                         | 工                               | $\bot$             | 口            | コ         | コ        |                |          |          | 107                                     | П               | 工                  | $\square$              |                 | 工      | $\bot$    | 口            |    |
|     | <b>—</b>                              | 9        | ╂╂              | $\dashv$           | +              | +                   | +         | ₩            | ₩                 | -         |             | —               | 58<br>59 | ++                      | +                               | +-                 | -            | +         | $\dashv$ | +              | -        | -        | 108                                     | $\vdash \vdash$ | 4                  | $\dashv$               | $\vdash$        | +      | $\perp$   | Ш            |    |
|     |                                       | 10       | H               | +                  | +              | +                   | +         |              | H                 | H         |             |                 | 60       | ╀┼                      | +                               | +                  | -            | +         | +        | +              | -        | 1        | 109<br>110                              | $\vdash$        | +                  | ╀┤                     | $\vdash$        | +      | +         | $\vdash$     |    |
| 1   |                                       | 11       | V               |                    | I              | I                   |           |              |                   |           |             |                 | 61       |                         | 士                               | $\Box$             |              | コ         | 士        | I              | ┪        |          | 111                                     |                 | 士                  | †                      | 士               | 十      | $\forall$ | Н            |    |
| 1   |                                       | Z        |                 | 7                  | 工              | 工                   | T'        |              |                   |           |             |                 | 62       |                         | 工                               | $\Box$             |              | $\Box$    | 工        | $\perp$        |          |          | 112                                     |                 | 工                  | $\Box$                 | $\Box$          | 工      |           |              |    |
|     |                                       | 13       | 4               | +                  | +              | +                   | +-'       | -            | ╁╌┤               | 1         |             |                 | 63       | ++                      | 4-                              | 4-4                | $\sqcup$     | +         | +        | 4              | -        |          | 113                                     | Н               | 4                  | $\downarrow\downarrow$ | 4               | 4      | $\perp$   | $\Box$       |    |
|     |                                       | 15       | H               | +                  | +              | +                   | ╀┙        | ₩            | ╀┦                | H         |             |                 | 64<br>65 | ╁┼                      | +-                              | +                  | $\vdash$     | +         | +        | +              | -        | -        | 114                                     | $\vdash$        | +                  | ╁┤                     | $\vdash$        | +      | +         | Н            |    |
|     |                                       | 16       | U               | I                  | 1              | 士                   | T         |              |                   |           |             |                 | 66       | $\dagger \pm$           | $\pm$                           | 1                  |              | +         | 十        | 十              | 1        | -        | 116                                     | H               | +                  | $\vdash$               | +               | +      | ╅╌┦       | $\vdash$     | () |
| - 1 |                                       | 17       |                 | 4                  | $\blacksquare$ | Ţ                   | T         | $\Box$       |                   | $\Box$    |             |                 | 67       | $\Box$                  | 工                               | $\Box$             | $\Box$       | $\exists$ | コ        | 1              | ]        |          | 117                                     |                 | 工                  | 口                      | ightharpoons    | 工      | 口         | 口            |    |
|     |                                       | 18<br>19 | $\vdash$        | +                  | +              | +                   | +         | $\vdash$     | H                 | H         | ░           |                 | 68       | ╀                       | +                               | +                  | $\vdash$     | +         | +        | +              | -        | _        | 118                                     | $\vdash$        | +                  | ₩                      | $\dashv$        | +      | $\dashv$  | $\vdash$     | 1  |
|     | $\neg$                                | 20       | $\vdash \vdash$ | +                  | +              | +                   | +-4       | $\vdash$     | -                 | H         | ⊪⊦          |                 | 69<br>70 | ++                      | +                               | ++                 | $\vdash$     | +         | +        | +              | -        | -        | 119<br>120                              | $\vdash$        | +                  | ╁┪                     | $\dashv$        | +      | H         | $\vdash$     |    |
|     |                                       | 21       |                 | コ                  | I              | I                   |           |              |                   |           |             |                 | 71       | † 🛨                     | 士                               | 廿                  | I            | $\top$    | 士        | 1              | 7        |          | 121                                     | $\vdash$        | +                  | $\Box$                 | $\top$          | +      | † †       | $\dashv$     | (  |
| 1   |                                       | 22       | $\Box$          | コ                  | 工              | 工                   | D         |              |                   | $\Box$    |             |                 | 72       | П                       | 工                               | 口                  | $\Box$       | コ         | 工        | I              | ]        |          | 122                                     | II.             | ユ                  | $\Box$                 | I               | I      | $\Box$    |              |    |
| }   | $\dashv$                              | 23<br>24 |                 | +                  | +              | +                   | 44        | $\vdash$     | $\vdash$          | Н         | ░           |                 | 73       | ┿                       | +                               | $\dashv$           | $\dashv$     | +         | +        | +              | -        | _        | 123                                     | $\vdash$        | 4                  | $\dashv$               | $\overline{+}$  | 4      | $\coprod$ | $\mathbf{H}$ |    |
|     |                                       | 25       |                 | +                  | +              | +                   | +         | H            | H                 | H         | ₽           | -               | 74<br>75 | +                       | +                               | +                  | +            | +         | +        | +              | -        | -        | 124<br>125                              |                 | 7 72               |                        |                 |        |           | $\vdash$     |    |
| - 1 |                                       | 26       |                 | 1                  | 1              |                     | + +       |              |                   |           |             |                 | 76       | +                       | +                               | $\forall$          | 十            | +         | +        | +              |          |          | 126                                     | 1               | +                  | H                      | 1               | +      | $\vdash$  | $\vdash$     |    |
|     |                                       | 27       | $\Box$          | 工                  | 工              | 工                   |           |              |                   |           |             |                 | 77       | $\Box$                  | 工                               | $\Box$             | I            | ユ         | 工        | I              | 1        |          | 127                                     | 1               | 工                  | $\Box$                 | ユ               | 工      |           |              |    |
|     |                                       | 28       | $\dashv$        | $\dashv$           | 4              | $\perp$             | $\Box$    | Ш            | Щ                 | $\square$ |             |                 | 78       | $\Box$                  | 1                               | $\Box$             | $\Box$       | $\bot$    | $\beth$  | 1              |          |          | 128                                     |                 | 工                  | П                      | $\Box$          | 工      | $\square$ | $\Box$       |    |
| ŀ   |                                       | 29<br>30 | $\dashv$        | +                  | +              | +                   | +         | $\vdash$     | $\vdash$          | $\vdash$  | H           |                 | 79<br>80 | ╀                       | +                               | ₩                  | +            | +         | +        | +              | -        | <u> </u> | 129<br>130                              | +               | +                  | ₩                      | +               | +      | $\dashv$  | $\dashv$     |    |
| 1   |                                       | 31       | $\vdash$        | +                  | +              | +                   | +         | $\vdash$     | $\vdash$          | -         |             | -               | 81       | ╀┼                      | +                               | ╁                  | +            | +         | 十        | +              | 1        |          | 130                                     | +               | +                  | H                      | +               | +-     | ╆╌┧       |              |    |
|     |                                       | 32       | $\Box$          | I                  | 士              | T                   |           |              |                   |           |             |                 | 82       | 士                       | $\pm$                           | $\Box$             | <del>コ</del> | 士         | $\pm$    | t              | 1        |          | 132                                     |                 | 1                  |                        | 1               |        |           |              |    |
|     |                                       | 33       |                 | $\dashv$           | 工              | 工                   | $\Box$    | $\Box$       | П                 | $\Box$    |             |                 | 83       | П                       | 工                               | П                  | $\supset$    | ユ         | ユ        |                | 1        |          | 133                                     |                 |                    | П                      | $\Box$          |        | П         |              |    |
| ŀ   | $\rightarrow$                         | 34       | $\dashv$        | +                  | +              | +                   | +         | $\vdash$     | $\vdash$          |           | 4           | $\dashv$        | 84       | ₩                       | +                               | $\dashv$           | +            | +         | +        | +              |          |          | 134                                     | 4               | 7                  | $\dashv$               | 4               | +      | 44        | $\dashv$     |    |
| ŀ   | -                                     | 35<br>36 | $\dashv$        | +                  | 十              | +                   | +         | $\vdash$     | $\vdash$          | -         | <b> </b>  - | $\dashv$        | 85<br>86 | ╀                       | +                               | ₩                  | +            | +         | +        | +              | -        | -        | 135<br>136                              | +               | +                  | ₩                      | +               | +      | ╀┩        | H            |    |
| ŀ   | $\neg$                                | 37       | $\dashv$        | 十                  | 十              | +                   | H         | $\vdash$     | $\vdash$          |           |             | $\dashv$        | 87       | ╆                       | +-                              | ╁                  | +            | +         | +        | +              | 1        |          | 137                                     | $\dashv$        | +                  | $\forall$              | +               | +      | ╁         | $\dashv$     |    |
|     | $\Box$                                | 38       | $\Box$          | コ                  | 工              | 土                   | 搿         |              |                   |           |             |                 | 88       | 上                       | 士                               | $\Box$             | ユ            | 士         | 士        | 土              | 1        |          | 138                                     | ユ               | 士                  | ◨                      | I               | 士      | 廿         |              |    |
| - 1 |                                       | 39       | _               | 4                  | 工              | 工                   | $\Box$    | $\bar{\Box}$ | $\overline{\Box}$ |           |             |                 | 89       | 口                       | 工                               | $\square$          | コ            | ユ         | 工        |                |          |          | 139                                     | $\Box$          | 工                  | Д                      | 工               | 工      | П         | $\Box$       |    |
| ŀ   | $\dashv$                              | 40       | $\dashv$        | +                  | +              | +                   | +         | $\dashv$     | $\vdash$          | -         | 1           | $\dashv$        | 90<br>91 | ╀                       | +                               | ₩                  | +            | +         | +        | +              | -        |          | 140<br>141                              | +               | +                  | ${f H}$                | +               | +      | ╀┩        | $\dashv$     |    |
| - 1 | $\dashv$                              | 42       | +               | 十                  | 十              | 十                   | +         | $\dashv$     | $\overline{}$     | 7         | 1           | $\dashv$        | 91       | ╁                       | +                               | ₩                  | +            | +         | +        | +              | -        | -        | 141                                     | +               | +                  | ₩                      | +               | +      | ₩         | $\dashv$     |    |
|     |                                       | 43       | 士               | +                  | $\top$         | +                   | H         | 一            | $\dashv$          |           | 1           |                 | 93       | <del>    -</del>        | +-                              | $\vdash$           | +            | 十         | 十        | +              |          |          | 143                                     | $\dashv$        | +                  | H                      | 十               | +      | $\forall$ | $\neg$       |    |
|     |                                       | 44       | $\Box$          | $\perp$            | 工              | 工                   |           | $\supset$    | $\Box$            |           |             |                 | 94       | ഥ                       | Ţ                               | $\Box$             | 士            | 工         | 土        | 土              |          |          | 144                                     | I               |                    | П                      | 工               | 工      | 口         |              |    |
|     | Щ                                     | 45       |                 | 7                  | $\bot$         | 上                   | $\Box$    | $\Box$       | $\perp$           | $\exists$ |             | $\Box$          | 95       |                         | $oldsymbol{oldsymbol{\square}}$ | $\square$          | ユ            | 工         | I        | $\downarrow$   |          |          | 145                                     | $\Box$          | $oldsymbol{\perp}$ | П                      | ightharpoons    | $\bot$ | П         | $\Box$       |    |
| -   | -                                     | 46       | -               |                    | 100            |                     | $\vdash$  |              |                   | $\dashv$  | -           |                 | 96       |                         |                                 | Н                  |              | -         | +        | +              | Ш        |          | 146                                     | 4               | +                  | ₩                      | +               | +      | ₩         | $\dashv$     |    |
| 1   | -                                     | 48       | +               | $\pm$              | +              | +-                  | +         |              | $\dashv$          |           | ľ           |                 | 97<br>98 | 1                       | +                               | H                  | +            | +         | +        | 1              |          |          | 147                                     | +               | +-                 | ╁                      | +               | +      | H         | $\dashv$     | 2  |
| ŀ   |                                       | 49       | 十               | 十                  | +              | T                   | $\vdash$  | ヿ            | $\dashv$          | 7         | <u> </u>    | $\neg$          | 99       |                         | 十                               | H                  | +            | +         | 十        | +              | 1        |          | 149                                     | +               | +-                 | $\vdash$               | 十               | +      | H         | 7            |    |
|     | $\Box$                                | 50       | $\Box$          | $oldsymbol{\perp}$ | $\bot$         | $oldsymbol{\Gamma}$ | $\square$ | コ            | 二                 |           | #E          | $\Box$          | 100      | 皿                       | $\perp$                         | П                  | 工            | I         | I        | I              | ][       |          | 150                                     | $\perp$         | $oxed{\Box}$       | $\Box$                 | 工               | 工      | 口         |              |    |